



#4

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)	ATTY. DOCKET NO. 8600-0146	SERIAL NO. 08/270,631
	APPLICANT: C. H. CONTAG et al.	
	FILING DATE July 1, 1994	GROUP unknown

U.S. PATENT DOCUMENTS						
-----------------------	--	--	--	--	--	--

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate

FOREIGN PATENT DOCUMENTS							
--------------------------	--	--	--	--	--	--	--

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)	
--	--

gas		Alfano, R.R., et al., "Light Sheds Light On Cancer-Distinguishing Malignant Tumors From Benign Tissues And Tumors," <i>Bull. N.Y. Acad. Med.</i> 37(2): 143-150 (1991)
		Alfano, R.R., et al., "Fluorescence Spectra from Cancerous and Normal Human Breast and Lung Tissues," <i>IEEE Journal of Quantum Electronics</i> QE-23(10): 1806-1811 (1987)
		Benaron, D.A., and D.K. Stevenson, "Optical Time-of-Flight and Absorbance Imaging of Biologic Media," <i>Science</i> 259: 1463-1466 (1993)
		Casadei, J., et al., "Expression and secretion of aequorin as a chimeric antibody by means of a mammalian expression vector," <i>Proc. Natl. Acad. Sci. USA</i> 87: 2047-2051 (1990)
		Chalfie, M., et al., "Green Fluorescent Protein as a Marker for Gene Expression," <i>Science</i> 263: 802-805 (1994)
U		Frackman, S., et al., "Cloning, Organization, and Expression of the Bioluminescence Genes of <i>Xenorhabdus luminescens</i> ," <i>Journal of Bacteriology</i> 172(10): 5767-5773 (1990)

08/270,631

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

JES		Hooper, C.E., et al., "CCD Imaging of Luciferase Gene Expression in Single Mammalian Cells," <i>Journal of Bioluminescence and Chemiluminescence</i> 5: 123-130 (1990)
		Korpela, M., et al., "Stable-light-emitting <i>Escherichia coli</i> as a Biosensor," <i>Journal of Bioluminescence and Chemiluminescence</i> 4: 551-554 (1989)
		Meighen, E.A., "Bacterial bioluminescence: organization, regulation, and application of the <i>lux</i> genes," <i>The FASEB Journal</i> 7: 1016-1022 (1993)
		Mueller-Klieser, W., and S. Walenta, "Geographical mapping of metabolites in biological tissue with quantitative bioluminescence and single photon imaging," <i>Histochemical Journal</i> 25: 407-420 (1993)
		Schaefer, C., et al., "Oxygenation and Bioenergetic Status of Murine Fibrosarcomas," in <i>Oxygen Transport to Tissue XIV</i> (Erdmann, W., and D.F. Bruley, eds., Plenum Press, New York, 1992, pp. 161-166)
		Tamiya, E., et al., "Spatial imaging of luciferase gene expression in transgenic fish," <i>Nucleic Acids Research</i> 18(4): 1072 (1990)
		Tang, G.C., et al., "Pulsed and cw laser fluorescence spectra from cancerous, normal, and chemically treated normal human breast and lung tissues," <i>Applied Optics</i> 28(12): 2337-2342 (1989)
		Tang, G.C., et al., "Spectroscopic Differences Between Human Cancer and Normal Lung and Breast Tissues," <i>Lasers in Surgery and Medicine</i> 9: 290-295 (1989)
		Wood, K.V., et al., "Complementary DNA Coding Click Beetle Luciferases Can Elicit Bioluminescence of Different Colors," <i>Science</i> 244: 700-702 (1989)
		Zhang, L., et al., "Luciferase activity as a marker of tumor burden and as an indicator of tumor response to antineoplastic therapy <i>in vivo</i> ," <i>Clin. Exp. Metastasis</i> 12: 87-92 (1994)

EXAMINER

DATE CONSIDERED

Jennifer Shaver

1/25/96

EXAMINER: (initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.)